

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO BLACK & WHITE PHOTOGRAPHS

BROUGHTON FLUME

HAER No. WA-170

Hood River Junction on Columbia River
Skamania
Washington

Jet Lowe, Photographer, 2000

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| WA-170-1 | WIGWAM BURNER, SAWDUST FEEDER. NORTH 340 DEGREES |
| WA-170-2 | SAWDUST FEEDER LINES AND DRY LUMBER STORAGE SHED. NORTHEAST 20 DEGREES. |
| WA-170-3 | CONCRETE STANCHION, HAND LOADING RAILROAD DOCK, TRAIN (BNSF), COLUMBIA RIVER. EAST/SOUTHEAST 108 DEGREES |
| WA-170-4 | DRYING KILNS AND UNIDENTIFIED STRUCTURE ABOVE IN FOREGROUND. DRY LUMBER STORAGE SHED ON RIGHT PERIPHERY. EAST/NORTHEAST 80 DEGREES. |
| WA-170-5 | WIGWAM BURNER. NORTH 350 DEGREES. |
| WA-170-6 | FLUME MIDWAY UP MOUNTAIN. NORTH 0 DEGREES |
| WA-170-7 | FLUME MIDWAY UP MOUNTAIN, CLOSE VIEW (480 LENS). NORTH 0 DEGREES. |
| WA-170-8 | AT DRANO LAKE BOAT RAMP AND FLUME HISTORICAL MARKER ON STATE HIGHWAY 14. MOUNTIAN CUT TO LEFT, FLUME IN MIDDLE, TUNNELS (HIGHWAY AND BNSF RR) TO RIGHT. NORTH/NORTHEAST 20 DEGRES. |
| WA-170-9 | AT TUNNEL LAKE ON STATE HIGHWAY 14. FLUME MIDWAY UP MOUNTAIN. NORTH/NORTHWEST 305 DEGREES. |
| WA-170-10 | AT CITY PARK REST AREA, STATE HIGHWAY 14. SECTION OF STEEL FLUME ONCE SPANNING HIGHWAY (ORIGINAL LOCATION UNKNOWN). NORTH/NORTHWEST 350 DEGREES. |
| WA-170-11 | AT CITY PARK REST AREA. SECTION OF STEEL FLUME ONCE SPANNING HIGHWAY (ORIGINAL LOCATION UNKNOWN). |

NOTE LARGE TREE SEGMENT AT REAR LEFT.
SOUTH/SOUTHWEST 240 DEGREES.

- WA-170-12 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. SOUTH OF ROAD, SAME AS WA-170-13 BUT LOOKING NORTH. PHOTOGRAPHER STANDING ON PLATFORM, SHED ON RIGHT, WATER RELEASE GATE ON RIGHT. NORTH/NORTHWEST 340 DEGREES.
- WA-170-13 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. SOUTH OF ROAD, SAME AS WA-170-12. VIEW LOOKING DOWN LENGTH OF FLUME. NOTE WALKWAYS ON BOTH SIDES OF FLUME, HUT, PLATFORMS ON BOTH SIDES OF FLUME. SOUTH/SOUTHWEST 170 DEGREES.
- WA-170-14 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. SOUTH OF ROAD. SHED WITH CABLE ON RIGHT USED TO TRIP SECOND WATER RELEASE GATE ON FLUME (IN FOREGROUND). BRIDGE ACROSS FLUME, EMERGENCY CABLE POLE. SOUTH/SOUTHWEST 200 DEGREES.
- WA-170-15 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. DETAIL OF TYPICAL FLUME AND SUPPORTING FRAMEWORK. NORTH/NORTHWEST 310 DEGREES.
- WA-170-16 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. NORTH OF ROAD, VIEW OF FLUME SECTION. NORTHWEST VIEW.
- WA-170-17 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. SILVERED CEDAR FLUME SECTION, TROUGH DETAIL WITH FLOWERS GROWING OUT OF TROUGH. SOUTHWEST VIEW.
- WA-170-18 AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. GENERAL VIEW OF FLUME. NORTHWEST VIEW.
- WA-170-19 AT WILLARD, CORNER OF WILLARD ROAD AND OKLAHOMA ROAD. METAL FLUME SECTION (ONCE LOCATED ELSEWHERE, OVER ANOTHER ROAD). NOTE SKEWED SECTION. NORTH/NORTHEAST 80 DEGREES.
- WA-170-20 AT WILLARD, CORNER OF WILLARD ROAD AND COOK UNDERWOOD ROAD. METAL FLUME SECTION (ONCE LOCATED ELSEWHERE, OVER ANOTHER ROAD). NOTE SKEWED SECTION. NORTH/NORTHEAST 20 DEGREES.

- WA-170-21 BROUGHTON LUMBER COMPANY, GENERAL VIEW FROM HIGHWAY 14. SOUTHWEST 250 DEGREES.
- WA-170-22 BROUGHTON LUMBER COMPANY, CLOSER VIEW FROM KNOLL ON SOUTH SIDE OF BNSF TRACKS. WEST 270 DEGREES.
- WA-170-23 BROUGHTON LUMBER COMPANY. INTERIOR, DRY LUMBER STORAGE BUILDING, SHOWING TYPICAL EXAMPLE OF TIMBER FRAMING AND TRUSS SYSTEM. NORTH/NORTHWEST 60 DEGREES.
- WA-170-24 BROUGHTON LUMBER COMPANY. VIEW OF CRANE FOR LOADING LUMBER ON RAILROAD, LUMBER STORAGE SHEDS, BNSF RAILROAD TRACKS. NORTH/NORTHEAST 20 DEGREES.
- WA-170-25 AT WILLARD, CORNER OF WILLARD ROAD AND OKLAHOMA ROAD. METAL FLUME SECTION (ONCE LOCATED ELSEWHERE, OVER ANOTHER ROAD). NOTE SKEWED SECTION. SOUTH/SOUTHWEST 260 DEGREES.
- WA-170-26 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM AND WATER SUPPLY POND FOR BROUGHTON FLUME. REMAINS OF DAM STRUCTURES ON RIGHT AND LEFT BANKS. NORTH/NORTHEAST 80 DEGREES.
- WA-170-27 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM AND WATER SUPPLY POND FOR BROUGHTON FLUME. VIEW OF DAM STRUCTURES – WING WALLS, OVERFLOW SHUTE TO RIGHT, CAMERA IN MIDDLE OF FLUME INTAKE FROM POND. NORTH/NORTHEAST 40 DEGREES.
- WA-170-28 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM AND WATER SUPPLY POND FOR BROUGHTON FLUME. BRIDGE OVER INTAKE TROUGH, GATE IN BACKGROUND BEHIND BRIDGE. SOUTH 170 DEGREES.
- WA-170-29 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM AND WATER SUPPLY POND FOR BROUGHTON FLUME. VIEW FROM DOWNSTREAM OF INTAKE, DAM WIND WALL TO RIGHT, LOWER WALL OF OVERFLOW CHUTE IN LEFT FOREGROUND (CONTAINS PIPES AND SMALL DAM, POSSIBLY FOR WATER PUMPING). WEST 320 DEGREES.
- WA-170-30 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM AND WATER SUPPLY POND FOR BROUGHTON FLUME. VIEW

THROUGH GATE, COVERED TROUGH ON OTHER SIDE OF GATE
LEADING TO FLUME IN DISTANCE. SOUTH 200 DEGREES.

- WA-170-31 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM
AND WATER SUPPLY POND FOR BROUGHTON FLUME. GATE,
WIND WALLS, COVERED TROUGH, BRIDGE IN BACKGROUND.
NORTH/NORTHWEST 330 DEGREES.
- WA-170-32 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM
AND WATER SUPPLY POND FOR BROUGHTON FLUME. VIEW
LOOKING DOWN FLUME AT TRANSITION FROM COVERED
TROUGH TO FLUME (COVERED TROUGH IS APPROXIMATELY
75'). SOUTH 180 DEGREES.
- WA-170-33 AT WILLARD, LITTLE SALMON CREEK. SITE OF FORMER DAM
AND WATER SUPPLY POND FOR BROUGHTON FLUME. VIEW
FROM FLUME (PHOTOGRAPHER STANDING IN FLUME). NOTE
WIDE FLUME MOUTH, COVERED TROUGH, GATE, BRIDGE IN
BACKGROUND. SOUTH/SOUTHWEST 160 DEGREES.
- WA-170-34 AT WILLARD, OKLAHOMA ROAD NORTH OF WILLARD ROAD,
AT THE SITE OF THE FORMER COOK HOUSE FOR WILLARD
MILL (UPPER MILL THAT CUT CANTS FOR BROUGHTON
LUMBER COMPANY'S FLUME). SECTION OF FEEDER AFTER
LAVA CREEK, LOOKING DOWN FLUME. NOTE EXTRA LARGE
SIZE OF "V" IN WATER SUPPLY VS. CANT PORTIONS OF FLUME.
SOUTH/SOUTHEAST 170 DEGREES.
- WA-170-35 AT WILLARD, OKLAHOMA ROAD NORTH OF WILLARD ROAD,
AT THE SITE OF THE FORMER COOK HOUSE FOR WILLARD
MILL (UPPER MILL THAT CUT CANTS FOR BROUGHTON
LUMBER COMPANY'S FLUME). VIEW OF END SECTION.
NORTH/NORTHWEST 310 DEGREES.
- WA-170-36 FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE
BROUGHTON LUMBER COMPANY. SECTION OF FLUME,
LOOKING TOWARD COLUMBIA RIVER, MOUNT HOOD.
SOUTH/SOUTHEAST 160 DEGREES.
- WA-170-37 FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE
BROUGHTON LUMBER COMPANY. SECTION OF FLUME,
LOOKING TOWARD COLUMBIA RIVER, MOUNT HOOD. SOUTH
0 DEGREES.

- WA-170-38 FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE BROUGHTON LUMBER COMPANY. SECTION OF FLUME AND BROKEN OUT SECTION. COLUMBIA RIVER AND OREGON IN BACKGROUND. WEST/SOUTHWEST 240 DEGREES.
- WA-170-39 FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE BROUGHTON LUMBER COMPANY. SECTION OF FLUME, BNSF TRACKS, HIGHWAY 14 AND COLUMBIA RIVER. SOUTH/SOUTHWEST 220 DEGREES.

INDEX TO COLOR TRANSPARENCIES

All xerographic copies were made from duplicate transparencies.

- WA-170-40(CT) AT TUNNEL LAKE ON STATE HIGHWAY 14. FLUME MIDWAY UP MOUNTAIN. NORTH/NORTHWEST 305 DEGREES.
- WA-170-41(CT) AT TUNNEL LAKE ON STATE HIGHWAY 14. FLUME MIDWAY UP MOUNTAIN. NORTH/NORTHWEST 305 DEGREES.
- WA-170-42(CT) AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. DETAIL OF TYPICAL FLUME AND SUPPORTING FRAMEWORK. NORTH/NORTHWEST 310 DEGREES.
- WA-170-43(CT) AT MORBY'S PROPERTY, END OF CHENOWETH ROAD. DETAIL OF TYPICAL FLUME AND SUPPORTING FRAMEWORK. NORTH/NORTHWEST 310 DEGREES.
- WA-170-44(CT) FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE BROUGHTON LUMBER COMPANY. SECTION OF FLUME, BNSF TRACKS, HIGHWAY 14 AND COLUMBIA RIVER. SOUTH/SOUTHWEST 220 DEGREES.
- WA-170-45(CT) FROM HILLTOP, ROUTE 14, LAST SEGMENT OF FLUME BEFORE BROUGHTON LUMBER COMPANY. SECTION OF FLUME, BNSF TRACKS, HIGHWAY 14 AND COLUMBIA RIVER. SOUTH/SOUTHWEST 220 DEGREES.